

Remarks

Claims 1-7, 11 and 12 have been amended, and claims 8-10 have been cancelled.

Claims 2, 4, 6, 7, 9 and 10 were rejected as indefinite because of the phrase "such as". This phrase has been removed and/or replaced in the claims in which such phrase originally appeared.

Claims 1-7 were rejected as anticipated by Kourimsky (5696352). Reconsideration of this rejection in view of the amendments to such claims is respectfully requested.

Kourimsky discloses a stranded electrical wire comprising a plurality of longitudinal filiform conducting strands, each strand comprising an outer surface in contact with adjacent strands, the outer surface having serrations to reduce slipping movement between the adjacent strands. Kourimsky also discloses that the serrations preferably have pointed tips directed radially outwards, some of the pointed tips of adjacent strands interlocking with each other. However, Kourimsky fails to teach and suggest an electric wire comprising two wire elements, each wire element including a convexo-concave surface to provide a predetermined amount of concave portions having a predetermined section with a predetermined depth extending in a direction of thickness of the conductive portion, so as to increase skin effect in a high frequency electric current, the two wire elements being combined integrally to engage the convexo-concave surfaces of the two wire elements mutually.

Accordingly claim 1, and claims 2-7 which depend from claim 1, clearly distinguish from Kourimsky in the particulars noted in the last sentence of the preceding paragraph.

Claims 11 and 12 were rejected as unpatentable over Kourimsky in view of Swift (2583026). Reconsideration of this rejection in view of the amendments of claims 11 and 12 is respectfully requested.

Claims 11 and 12 depend from claim 1 and distinguish over Kourimsky in the particulars noted above.

Regarding Swift, Swift discloses a thick inner layer surrounding the conductor, formed of a non-conducting insulating material, a plurality of discrete peripherally and longitudinally spaced ribs formed integrally with said inner layer and projecting outwardly, a thick outer layer adjacent to and surrounding said inner layer formed of a tough, abrasion, and tear resistant material, and an interlocking rib element integral with said outer layer, said interlocking rib element being of a complementary configuration to said ribs of said inner layer to prevent circumferential movement therebetween in an insulated cable. However, Swift fails to teach and suggest that an electric wire comprising two wire elements, each wire element including a convexo-concave surface to provide a predetermined amount of concave portions having a predetermined section with a predetermined depth extending in a direction of thickness of the conductive portion, so as to increase skin effect in a high frequency electric current.

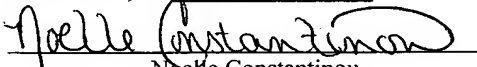
Regarding the combination of Swift and Kourimsky, although Swift may disclose a wire having an outer surface comprising a concave portion which is formed into a rectangular shape having an elongated vertical side, it is submitted that there is nothing in the prior art to suggest that this feature of Swift be combined into the disclosure of Kourimsky.

In view of the foregoing, this application is believed to be in condition for allowance and such action is respectfully requested.

The Commissioner is hereby authorized to charge any fees or credit any overpayment in connection with this communication to our Deposit Account No. 50-0852. A duplicate copy of this sheet is enclosed.

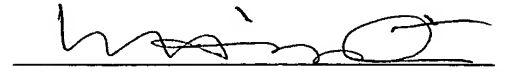
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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on **December 28, 2004**.


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Respectfully submitted,

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